

**Monthly Progress Report #48**  
**June 2008**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
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**July 10, 2008**

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## **1.0 INTRODUCTION**

This forty-eighth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering July, 2008 will be submitted on or before August 10, 2008.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

During the month of June 178,505 gallons of waste was removed from Tank 27 and transferred into Tank 7, which is at the north site at the refinery. Waste is being moved to Tank 7 so that a total volume of oily waste can be measured and also so that the condition of Tanks 10, 26, 27 and 30 can be evaluated. After the waste is removed from the listed tanks the total volume of oily waste will be known and a plan will be developed for the disposal of the waste. Prior to emptying the listed tanks of the oily waste there has been no way of estimating the volume necessary for disposal since there are no fluid level indicators on the tanks and the ladders leading up to the tops of the tanks are not safe.

To date a total of approximately 7,125,075 gallons of hazardous waste have been removed from all of the above ground tanks and disposed via deep well injection at Texas Molecular.

Prior to the beginning of liquid waste disposal in October 2004, the volume of waste in the above ground storage tanks was measured at 6,844,094 gallons. Apparently due to holes in the tops of the tanks the volume of waste has increased due to rainfall, since more waste has been disposed of than was originally measured.

Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

On June 26<sup>th</sup> Superior Oil, which leases tanks from NORCO at the refinery, experienced a release from Tank 13. Superior responded to the release using a backhoe and vacuum trucks to recover the spilled crude oil. The release was reported to the EPA and the Railroad Commission of Texas.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

The analytical data from Phase I of the Field Sampling Plan are being reviewed and maps are being constructed showing the distribution of constituents.

Additional mapping, which has been requested by the EPA and State Trustees, is being prepared.

### **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

### **4.0 COMMUNITY RELATIONS**

The EPA has developed a web site to display information about the Removal Action and RI/FS activities. Information can be found by going to [www.epaossc.net](http://www.epaossc.net) and selecting web sites, then Region 6 and then the Falcon Refinery Site.

### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

None this reporting period.

### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

#### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal of oily waste from Tanks 10, 26, 27 and 30;
- Disposal of any non-oily waste at Texas Molecular; and
- Continued site maintenance

#### **6.2 RI/FS Work projected for the next two months includes:**

- Analyzing the Phase I RI/FS sampling data in accordance with the approved Field Sampling Plan;
- Presenting the results of the data analysis from the Phase I sampling to the EPA and state and federal trustees; and
- Development of the Baseline Human Health Risk Assessment and the Screening Level Ecological Risk Assessment.

### **7.0 LABORATORY / MONITORING DATA**

Results of the Phase I RI/FS sampling were provided to the EPA during March 2008.

## TABLES

**Table 1**  
**Hazardous Liquid Waste Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez
RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)				
	Month	Volume (gal)		
	October-04	53,832		
	November-04	734,763		
	December-04	879,158		
	January-05	783,881		
	February-05	551,444		
	March-05	565,489		
	April-05	445,107		
	May-05	471,311		
	December-05	42,550		
	January-06	58,740		
	February-06	59,140		
	March-06	0		
	April-06	29,371		
	May-06	59,018		
	June-06	97,151		
	July-06	118,743		
	August-06	148,509		
	September-06	109,908		
	October-06	86,665		
	November-06	140,498		
	December-06	85,813		
	January-07	118,541		
	February-07	107,985		
	March-07	152,493		
	April-07	121,588		
	May-07	150,368		
	June-07	87,900		
	July-07	143,485		
	August-07	94,727		
	September-07	0		
	October-07	50,298		
	November-07	151,227		
	December-07	112,285		
	January-08	119,353		
	February-08	88,777		
	March-08	60,913		

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April-08	18,695
May-08	25,349
June-08	0
	7,125,075

**Total**

**Table 2**  
**Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

<b>Month</b>	<b>Volume (lbs)</b>
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

<b>Month</b>	<b>Quantity</b>
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

<b>Month</b>	<b>Volume (cy)</b>
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

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**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>